

Title (en)

WIND TURBINE ROTOR BLADE WITH AN ELECTRIC HEATING DEVICE

Title (de)

WINDENERGIEANLAGENROTORBLATT MIT EINER ELEKTRISCHEN HEIZEINRICHTUNG

Title (fr)

PALE DE ROTOR D'ÉOLIENNE DOTÉE D'UN DISPOSITIF DE CHAUFFAGE ELECTRIQUE

Publication

EP 3109465 B1 20181024 (DE)

Application

EP 15174151 A 20150626

Priority

EP 15174151 A 20150626

Abstract (en)

[origin: CA2933943A1] A wind turbine rotor blade with an electrical heating device for heating a surface region of the wind turbine rotor blade and a temperature sensor, wherein the electrical heating device is designed so that, while the heating device is operating, a maximum temperature is achieved in a section of the surface region close to the blade root in which the temperature sensor is arranged.

IPC 8 full level

F03D 80/40 (2016.01); **F03D 1/06** (2006.01)

CPC (source: EP)

F03D 1/0675 (2013.01); **F03D 80/40** (2016.05); **F05B 2260/20** (2013.01); **Y02E 10/72** (2013.01)

Cited by

EP3418562A1; EP3530938A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3109465 A1 20161228; EP 3109465 B1 20181024; CA 2933943 A1 20161226; DK 3109465 T3 20190225; ES 2704099 T3 20190314

DOCDB simple family (application)

EP 15174151 A 20150626; CA 2933943 A 20160623; DK 15174151 T 20150626; ES 15174151 T 20150626